

I claim as my invention:

1 ~~Shape~~ 1. A method of constructing a concrete module having several
2 interconnected walls and defining a portion of a building,
3 comprising the steps of:

4 forming two pitch walls, each pitch wall having a wall top end
5 angled to match the pitch of the building roof to define an upper
6 peak having a beam receiving notch, having a shorter lateral end
7 and a longer lateral end; and a lower end and an angled upper end,
8 and having a notch at the intersection of the lower lateral end and
9 the angled upper end;

10 forming a linking wall having two linking wall lateral ends
11 substantially matching the height of the pitch wall shorter lateral
12 ends;

13 providing a floor form platform having a horizontal platform
14 surface and an upright floor form rail;

15 placing the two pitch walls and the linking wall on a floor
16 form platform such that the pitch wall longer lateral ends are each
17 abutting and substantially perpendicular to the floor form rail and
18 the pitch wall shorter lateral ends are adjacent to one of the
19 linking wall lateral ends such that the pitch walls both extend in
20 the same direction from and are substantially perpendicular to the
21 linking wall, and the pitch walls, linking wall and floor form rail
22 together enclose a region of the horizontal platform surface to
23 define a floor form;

24 pouring uncured concrete into the floor form;

25 permitting the concrete within the floor form to cure and

1 define a module floor joined to the pitch walls and linking wall;
2 constructing a roof form with roof form support structures
3 having planar upper surfaces angled to match the desired roof pitch
4 to define a contiguous roof form lower wall below a distance below
5 and adjacent to the pitch wall and linking wall upper ends and
6 meeting the pitch walls and linking walls to define a partial roof
7 form;

8 forming a pre/post-stressed concrete beam, placing the beam
9 parallel to the linking wall and into the beam notches to complete
10 the roof form;

11 and pouring uncured concrete into the roof form; permitting
12 the concrete in the roof form to cure; removing the roof form
13 support structures; lifting the completed module off the platform

14 C1 Cont 2. The method of claim 1, comprising the additional steps
15 of: forming metal plates into lateral edges of the pitch walls and
16 linking walls;

17 and welding the adjacent metal plates of adjacent lateral ends
18 together to hold the walls in place prior to floor and roof forming

19 3. The method of claim 1, comprising the additional steps of
20 forming a mitered edge along the pitch wall shorter lateral ends
21 forming a mitered edge along each of the linking wall lateral ends,
22 and placing the shorter pitch wall lateral ends adjacent to the
23 linking wall lateral ends such that pitch wall shorter lateral ends
24 and linking wall lateral ends meet to define mitered corners.

1 B1
2 Con't 4. The method of claim 3, wherein the step of forming a
3 concrete wall includes the sub-steps of providing three wall forms
4 each having a rectangular perimeter wall resting on a platform;
5 placing reinforcing members within the wall forms, the reinforcing
6 members including threaded first reinforcing rods having threaded
7 rod connection ends such that the threaded rod connection ends are
8 exposed; pouring uncured concrete into the wall forms; permitting
9 the concrete to cure and form building walls; removing the building
10 wall from the wall form; and additionally including the step of
11 fastening second threaded reinforcing rods to the threaded rod
12 connection ends of the first threaded reinforcing rods such that
13 the second threaded reinforcing rods extend laterally into the
floor form.

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